ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION | INITIA | ا عا | D NO. | DATE | | | | | |
|---------------------------|--------|-------------|-------|------|-------|--|--|--|--|
| | ZY | | | 09 | 165/0 | | | | |
| FEE DETERMINATION | - V | | | Ľ | 1 | | | | |
| O.I.P.E. CLASSIFIER | | | 49 | 9/ | 10/23 | | | | |
| FORMALITY REVIEW | - 2 | 6 32 | 23 | | 0/60 | | | | |
| RESPONSE FORMALITY REVIEW | SIC | % 9' | ٦ [: | 5/2 | 215 | | | | |
| 6 | | | | | | | | | |

INDEX OF CLAIMS

| ~ | Rejected | N | Non-elected |
|---|----------------------------|---|--------------|
| = | Allowed | 1 | Interference |
| | (Through numeral) Canceled | Α | Appeal |
| ÷ | Restricted | 0 | Objected |

| | | | | У. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|----------|---------------|------------|------------|--------------------|----------|--------------|--------------|--|----------|----------|----------|--|------------|-------|----------|-------------------------|---------|---------|-----------------|----------|--|----------|-----------|----------|----------|------|---------------|-----------------|----------|--------------|----------|----------|----------|----------|----------|----------|--|--|--|
| | Cla | im | 12 | 4 | `# | | Da | ite | | | | |] [| Cla | im | | | | Dε | ate | | | | | C | lair | n | | | | Da | te | | | | | | | |
| Γ | コ | | Ž | 1 | TE | 3 | Т | Т | Т | Т | Т | Т | 1 [| | = | Т | Т | Т | Т | П | Г | Г | П | ╗ | Г | T, | | Γ | Г | Г | | | | | Г | Γ | | | |
| | ᆲ | Original | | V | | 3 | 1 | | | | 1 | | ll | 퓹 | Original | | 1 | 1 | 1 | | l | l | Ш | - 1 | = | | | | | | | | ŀ | | | ı | | | |
| - 1 | Fla | ð | 5 | 16 | ≱ | ╇ | 1 | | | 1 | İ | | П | Final | ទី | | 1 | 1 | | 1 | 1 | | | - 1 | 100 | ا | 51 | | | | | | | | | 1 | | | |
| ŀ | 寸 | (| 1.7 | IJ | | | 1 | \top | T | T | + | 1 | 1 1 | | 51 | ┪ | \top | 十 | ✝ | T | T | 一 | 1 | ヿ | | |)1 | T | Т | Т | <u> </u> | | - | H | t | t | | | |
| ŀ | 7 | Ì | - | , , | + | \top | 1 | 1 | + | T | + | 1- | 1 1 | | 52 | \dashv | + | ╁ | ╁ | † | \vdash | ┢ | ╁ | ᅱ | | - | 2 | t | Н | \vdash | H | H | ┢ | \vdash | ┢ | ✝ | | | |
| ŀ | ┪ | - 3 | - | H | Ιv | , | ✝ | ╈ | ╁╌ | ╁ | ┿ | ┿ | 1 1 | _ | 53 | -†- | ╅ | ╈ | ╁ | + | 1 | H | H | \dashv | - | - | 3 | ┢ | ┢ | - | \vdash | \vdash | ⊢ | - | ┢ | ╁ | | | |
| ŀ | { | 4 | _ | Н | К | _ | ╁ | ╁ | ╁╾ | ╁╴ | ╁ | ╁ | łł | _ | 54 | + | + | + | + | ╫ | ╁╌ | ┢ | \vdash | \dashv | \vdash | | A - | \vdash | \vdash | ⊢ | ⊢ | \vdash | ├ | ┝ | ⊢ | ╀ | | | |
| ŀ | ┪ | \$ | | Н | ₩ | + | +- | +- | ╁ | ╁ | ╁╴ | ╁╌ | łł | _ | 55 | ╁ | ╅ | ╁ | ╁ | ╁╌ | ┪ | ┢ | ╁ | -1 | \vdash | 10 | | ╁ | ┝ | ┢ | | \vdash | ┝╌ | - | ⊢ | ⊢ | | | |
| ŀ | ┥ | ŀ | <u>}</u> — | Н | ₩. | ╁ | ╁ | ╫ | ╁ | ╁╌ | ╁ | ╁ | 1 1 | | 56 | ╁ | ╫ | ╫ | ┿ | ┿ | ├- | ⊢ | Н | ⊣ | \vdash | _ | <u>~</u> | ⊢ | ⊢ | ⊢ | _ | Н | ┝ | ┝ | ⊢ | ⊢ | | | |
| - | ۲, | 7 | ₽ | H | 4 | 4- | ╁ | ╁ | ╁ | ╀ | ╀ | ╁ | ł | _ | 57 | + | +- | ┿ | ╁ | ╁ | ⊢ | ⊢ | ┨ | -1 | \vdash | 10 | | \vdash | ⊢ | | ┝ | - | ┝ | ├ | ⊢ | ⊢ | | | |
| F | - | 8 | ⊢ | ⊢ | + | ╫ | ╁ | ╁ | ╀ | ╀ | ┿ | ╀ | 1 1 | | 58 | + | + | + | ╁ | ╁ | ⊢ | ├ | ╌ | \dashv | ⊢ | _ | 18 | ╀ | ├ | ┝ | Η. | | _ | ⊢ | ⊢ | ₽ | | | |
| ╌ | ⊣ | _ | ⊢ | ╀ | ╁ | ╁ | ╀ | ╀ | ╀ | ╀ | ╀ | ╀╌ | { } | _ | | + | + | + | ╂ | ╄ | ⊢ | ⊢ | ⊢ | | \vdash | + | - | ⊨ | H | - | ⊢ | Н | - | ⊢ | ╀ | ╀ | | | |
| ŀ | - | 9 | · | ╀ | ╀ | ╀ | ╀ | - | ╀╌ | ╄ | ╁ | ╀ | 1 1 | | 59 | + | + | + | ╀ | ╀ | ├ | ╀ | H | - | ⊢ | - | 19 | ! — | L | ⊢ | _ | Ш | <u> </u> | ┡ | ⊢ | ╀ | | | |
| ŀ | | 10 | | <u>ا</u> | ╀ | + | ļ., | ╀ | ╀ | ╄ | ╄- | ╄- | 1 1 | | 60 | + | + | + | ╀ | ╄ | ـــ | ┞ | \vdash | | - | 11 | | <u> </u> | <u> </u> | ↓_ | ╙ | | <u> </u> | <u> </u> | ╄ | ╄ | | | |
| - | - | 11 | 0 | + | ╁ | + | + | + | + | + | + | \vdash | 1 } | | 61 | + | 4 | + | + | ₩ | ┡ | | ₩ | 4 | - ├ | 1 | | ┞- | ١÷ | | <u> </u> | igspace | <u> </u> | ⊢ | ₩ | 1 | | | |
| _ } | - | 7 2 | \vdash | ↓_ | \perp | 1 | + | + | +- | ╄- | 1- | ╄~ | { | | 62 | - | + | + | 4- | ╀ | 1 | - | Н | 4 | - | 1 | | 1 | _ | ⊢ | <u> </u> | _ | <u> </u> | _ | L | 1 | | | |
| ŀ | _ | 13 | ٠ | ╀ | \bot | 4 | 4 | 1 | \bot | 1 | \perp | 1 | 1 | | 63 | 4 | 4 | 4 | 4. | ↓_ | ┺ | ╙ | Н | 4 | | - | 13 | Ŀ | <u> </u> | <u> </u> | _ | L | <u> </u> | <u> </u> | \vdash | L | | | |
| ĵ | | 14 | ↓_ | 1 | ╄ | 1 | 1 | ╄ | 1 | 1 | 1 | ــــــــــــــــــــــــــــــــــــــ | 1 | | 64 | 4 | 4 | 4 | 1 | ↓_ | ــــــــــــــــــــــــــــــــــــــ | ╙ | Ш | 4 | | _ | 14 | ╙ | \vdash | | _ | L | <u> </u> | <u> </u> | 匚 | 1 | | | |
| _ L | _ | 15 | ↓_ | Ļ | ╀ | \perp | ╄ | ┺ | ┖ | ┺ | ┺ | ┺ | Į Į | | 65 | _ | ┵ | 4 | 4 | 1 | 1_ | ┖ | Ш | _ | L | | 15 | _ | 匚 | _ | _ | | | 乚 | L | L | | | |
| 7 | | 16 | 1 | L | \perp | 1 | 1 | 1 | _ | \perp | ┖ | ┺ | Į Į | | 66 | ┵ | 1 | 4 | 1 | 1_ | 乚 | L | Ш | ╝ | : | - | 16 | \perp | L | $oxed{oxed}$ | ட | L | _ | L | Ĺ | Ĺ | | | |
| L | | 17 | Ш | L | \perp | 丄 | ┸ | \perp | L | 1_ | | L |] [| | 67 | \perp | \perp | | | L | L | Ŀ | \coprod | ╝ | | 1 | 17 | | | | | | | | | Ĺ | | | |
| Ĺ | | 18 | L | L | 1 | L | | L | 1 | | L | | l | | 68 | \perp | \perp | | | | | | \square | | .[| 1 | 18 | | | | | | | | Г | Γ | | | |
| ſ | Π | 19 | Γ | Γ | Т | Ţ | П | Τ | Γ | Γ | Т | |] [| | 69 | | Т | Т | Т | Г | П | П | П | П | Г | 1 | 19 | П | Г | Г | П | | | Г | | Γ | | | |
| Γ | ┑ | 20 | | Г | Т | Т | Т | T | Т | Γ | Т | Π | 1 [| | 70 | Т | 7 | Т | 1 | T | | Г | П | \neg | | 1: | | T | Г | Г | \vdash | П | | | | r | | | |
| ı | -+ | 21 | 1. | ✝ | + | T | t | ╁ | ✝ | t | t | \vdash | ! | | 71 | + | + | ╅ | ╁ | ╁ | ┼- | ┰ | Н | \dashv | \vdash | 12 | _ | ┼ | \vdash | - | Н | | <u> </u> | - | ┢╾ | ┢ | | | |
| ı | $\overline{}$ | 22 | \vdash | Н | ╈ | †- | t | ✝ | ╀ | 1 | ┪ | ✝ | 1 1 | | 72 | ╅ | ╈ | + | + | + | H | \vdash | ╁ | ⊣ | - | 12 | | ┿ | Н | \vdash | Н | Н | - | \vdash | H | ⊢ | | | |
| - | _ | 23 | Η. | ┝ | +- | +- | ╁╌ | ╫ | ╁╴ | + | ╁╌ | ╁ | | | 73 | + | ╁ | +- | ╁ | ╁ | ⊢ | ⊢ | ╌┼ | \dashv | | 12 | | Н | - | H | Н | \dashv | \vdash | - | ┢ | ⊢ | | | |
| ŀ | _ | 24 | - | - | +- | ╁ | ╁╴ | ╁╌ | + | ╁ | ╁ | ╁╴ | · | - | 74 | + | + | + | ╁ | ╀╌ | ┢ | Н | Н | \dashv | \vdash | 12 | | H | - | | Н | | _ | - | \vdash | ⊢ | | | |
| ╌ | _ | 25 | - | - | ╁ | ╁╌ | ╁ | ╁ | ╁ | ⊢ | ╀ | ⊢ | ▎▕ | - | 75 | +- | ╅ | + | ╁ | ╁ | ⊢ | ⊢ | \vdash | - | -}- | _ | | | | - | Н | - | | - | - | ⊢ | | | |
| H | | 26 | H | ┝ | ╁ | ╁╌ | ╀ | ╀╌ | ╁╌ | ╂─ | ╀╌ | ⊢ | 1 1 | - | 76 | ╁ | + | ┿ | ╁ | ╆ | ⊢ | - | ┝ | - | - | 12 | | Н | _ | \vdash | - | Н | Н | <u> </u> | H | ┢ | | | |
| ⊢ | _ | 20 27 | H | ┝ | ╁ | ╀ | ╀ | ╁ | ┼ | ╂ | ╀ | ╀┈ | | | _ | + | + | ┿ | ╁ | ╁ | ⊢ | ⊢ | Н | 4 | \vdash | 12 | _ | - | \vdash | \vdash | Н | \dashv | _ | | ш | ⊢ | | | |
| ⊢ | | 28 | - | <u> </u> | ╀ | ╀ | ╀ | ₽ | ┼- | ╀ | ╀ | Н | | _ | 77 | + | + | + | ╀ | ⊢ | ļ | | ╌┼ | | - | 12 | | _ | | _ | | | _ | | ш | ⊢ | | | |
| ⊦ | | _ | H | - | ╀ | ╄ | ╄ | ╀ | ╀ | - | ╀ | ├ | | | 78 | + | + | + | ┼ | ╄ | _ | Ш | \vdash | | \vdash | 12 | | <u> </u> | | | Щ | | | | | L | | | |
| ⊦ | _ | 29 | ļ | ļ. | ŀ | ↓_ | ↓_ | - | ↓_ | ▙ | Ļ | - | } | _ | 79 | 4 | 4- | 4 | ╀ | ! | ╙ | Щ | \sqcup | 4 | <u> </u> | 12 | _ | _ | | Щ | | | | Щ | L | L | | | |
| Ļ | _ | 30 | Ш | L. | ╄ | ┺ | ┺ | ↓_ | ↓_ | L | ┖ | L | | _ | 80 | 4 | 4 | ╀ | ↓_ | ļ | Ш | | Щ | _ | \perp | 13 | - | L | | Ц | | | | | | L | | | |
| L | _ | 31 | ш | | ┖ | L | ┺ | ↓_ | ┖ | L | ┖ | Ш | | _ | 81 | 1 | 1 | | 丄 | ┖ | L_ | | Щ | _ | \perp | 13 | _ | Ш | | | | | | | Ш | L | | | |
| L | _ | 32 | Щ | L. | 1 | ╙ | 1_ | ↓_ | ╙ | | \perp | L. | L | | 82 | 4 | | 1 | 1_ | L | \vdash | Ш | Ц | \Box | | 13 | | \Box | | | | | | | | Ľ | | | |
| L | | 33 | Ш | | 乚 | ┖ | ↓ | \perp | <u> </u> | L | L | Ш | L | | 83 | L | \perp | L | 上 | L | L | | | | | 13 | | | | | | | | | | Ĺ | | | |
| L | _ | 34 | | L | 丄 | L | _ | <u> </u> | | Щ | L | Ш | L | _ | 84 | \perp | L | L | L | L | | | | _ | | 13 | 4 | | | | | | | | | | | | |
| L | _ | 35 | | $oxedsymbol{oxed}$ | \perp | L | \perp | | ┕ | L | L | \square | | _ | 85 | \perp | Ĺ | \perp | \Box | 匚 | | | | | | 13 | | | | | | | | | | Γ | | | |
| L | | 36 | | | | Ĺ | | | \Box | ا | | ഥ | | | 86 | $oldsymbol{\mathbb{I}}$ | Ι | Ι | Ĺ | | | | | | | 13 | 6 | | | | | | \Box | | П | Г | | | |
| | _ | 37 | | | Ĺ | \Box | | Ĺ | Ĺ | Ŀ | ſ | | ſſ | J | 87 | $oxed{T}$ | Ι | Ι | Γ | Γ | | | | _] | Г | 13 | 7 | П | | | | ┪ | | | П | Г | | | |
| | _; | 38 | | | L | | | \Box | L | | L | | Γ | | 88 | | Γ | Τ | | \Box | | | |] | | 13 | 8 | | | | | \neg | \neg | | П | Γ | | | |
| Г |]; | 39 | | _ | Γ | Γ | | | Π | | | П | | ٦ | 89 | T | Τ | 1 | T | | П | | \Box | \neg | | 13 | $\overline{}$ | П | | | \neg | ヿ | 7 | \neg | П | | | | |
| Г | T | 40 | | | Γ | Г | | T | | | Π | П | | 7 | 90 | 1. | T | \top | 1 | П | П | П | \dashv | ┨ | | 14 | _ | Н | \dashv | \dashv | | -1 | \dashv | \dashv | \sqcap | _ | | | |
| 一 | ٦, | 41 | \dashv | Т | t | Т | 1 | ✝ | \vdash | T | Г | Н | | 7 | 91 | \top | T | ╈ | t | \vdash | H | \vdash | \dashv | \dashv | \vdash | 14 | - | \vdash | \dashv | \dashv | -1 | ⊣ | \dashv | \dashv | Н | H | | | |
| \ | | 12 | \dashv | - | ┪ | - | +- | \vdash | Н | ⊢ | ⊢ | Н | - | - | 92 | + | ╁ | + | ╁ | \vdash | Н | | - | \dashv | . ├─ | 14 | | $\vdash \vdash$ | | \dashv | | | \dashv | \dashv | \vdash | - | | | |
| h | | | \dashv | _ | ╁ | ╁ | ╆ | | - | \vdash | +- | Н | - | | 93 | + | + | ╅╾ | ╁ | - | H | Н | \dashv | \dashv | - | 14 | | \vdash | | - | -1 | | | - | \vdash | \vdash | | | |
| + | | 44 | | _ | +- | ╁ | \vdash | ├- | - | \vdash | \vdash | \vdash | | | | + | + | ┿ | ╂ | - | H | \vdash | \dashv | \dashv | | | | $\vdash \vdash$ | \dashv | | - | - | - | [| \vdash | - | | | |
| ⊢ | _ | 45 | \dashv | _ | ├ | ╁ | ├- | | \vdash | \vdash | - | ⊢⊢ | - | | 94 | +- | ╀ | + | ├ | ⊢ | ш | Щ | + | \dashv | | 14 | | \sqcup | 4 | _ | _ļ | _ | 4 | 4 | Щ | <u> </u> | | | |
| \vdash | _ | _ | | | ₩ | Ͱ | ├- | - | ├ | - | ⊢ | $\vdash \vdash$ | - | | 95 | ╀ | ╀ | + | ├- | L | Н | - | + | 4 | <u> </u> | 14 | | \sqcup | 4 | _ | _ | _ | 4 | _ | \dashv | <u> </u> | | | |
| \vdash | | 46 | - | _ | Ь. | ├- | | - | \vdash | ├- | ! | Н | L | | 96 | 4- | 4 | ↓_ | 1_ | L_ | | _ | \dashv | 4 | _ | 14 | | Ц | _ | _ | _ | _ | | _ | ᆜ | L | | | |
| 1 | _ | 17 | _ | | <u> </u> | | ┞- | <u> </u> | ╙ | \vdash | L | Щ | L | | 97 | 1 | Ļ | ┸ | \vdash | | Ш | ļ | 4 | _ | | 14 | | | | | \perp | | \perp | ╝ | | | | | |
| \perp | | 18 | _ | | <u> </u> | - | | - | | Щ | L | Ы | L. | | 98 | 1 | 1 | 1 | $oxed{igspace}$ | \sqcup | \sqcup | _ | _ | _ | \vdash | 14 | + | | [| l | \Box | _[| ┙ | _] | I | _ | | | |
| \perp | | 19 | | | L | _ | <u></u> | \sqcup | _ | L_ | L | Ц | L | | 99 | ┸ | ╀ | 1 | L | _ | | _ | _ | _ | | 14 | | | | \perp | | | | | | | | | |
| L | Į5 | 10 | _ | _ | <u>L</u> | ட | | | Щ | | L | Ш | L | | od | 1 | 1 | _ | <u> </u> | | | | _1_ | ┙ | | 15 | 0 | | \Box | لــــ | [| [| [| [| \Box | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

If more than 150 claims or 10 actions staple additional sheet here

BEST AVAILABLE COPY